

What is claimed is:

1. A disk reading device, comprising:

a lower cover having a wall with an elongated opening provided in the wall;
an upper cover that is connected for pivoting movement with respect to the

5 lower cover;

a disk receiving space between the lower and upper covers, and being
accessible via the elongated opening in a suction mode and by opening the upper
cover with respect to the lower cover in a cover-lifting mode;

10 means for drawing a disk via the elongated opening into the disk receiving
space;

means coupled to the upper and lower covers for opening the upper cover
with respect to the lower cover; and

means for switching operation of the disk reading device from the suction
mode to the cover-lifting mode.

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2. The device of claim 1, wherein the switching means includes means for
locking the upper cover to the lower cover while a disk is being loaded via the
elongated opening in the suction mode.

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3. The device of claim 2, wherein the opening means includes a button,
and wherein the locking means includes a connecting rod that is coupled to the
button and which is removably coupled to the upper cover, and a bolt locker that is
positioned to block movement of the connecting rod and the button.

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4. The device of claim 1, wherein the switching means includes a first
switch for actuating the suction mode, a second switch for actuating the cover-lifting
mode, and a slide button that slidably contacts either the first switch or the second
switch.

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5. The device of claim 4, wherein the drawing means includes a roller, a
gear unit operatively coupled to the roller, and a control rack that is operatively
coupled to the gear unit, with the control rack coupled for simultaneous movement
with the slide button.

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6. The device of claim 1, further including means for clamping a disk, with the clamping means operatively coupled to the drawing means.

7. A disk reading device, comprising:
5 a lower cover having a wall with an elongated opening provided in the wall;
an upper cover that is connected for pivoting movement with respect to the lower cover;
a disk receiving space between the lower and upper covers, and being accessible via the elongated opening and by opening the upper cover with respect to
10 the lower cover;
means for drawing a disk via the elongated opening into the disk receiving space; and
means coupled to the upper and lower covers for opening the upper cover with respect to the lower cover.

8. A method of loading a plurality of disks at separate times into a disk receiving space in a disk reading device, comprising:
providing a disk reading device having a lower cover having a wall with an elongated opening provided in the wall, and an upper cover that is connected for
20 pivoting movement with respect to the lower cover;
inserting a disk into the disk reading device via the elongated opening;
removing the disk from the disk reading device via the elongated opening;
opening the upper cover with respect to the lower cover;
manually placing a disk inside the disk reading device; and
25 closing the upper cover.

9. The method of claim 8, further including:
after removing the disk from the disk reading device via the elongated opening, actuating a switch to change the operation mode of the disk reading device.

10. The method of claim 8, further including:
prior to inserting a disk into the disk reading device via the elongated opening, locking the upper cover so that it cannot be opened with respect to the lower cover.

11. The method of claim 10, further including:

after removing the disk from the disk reading device via the elongated opening, actuating a switch to unlock the upper cover so that it can be opened with respect to the lower cover.

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12. The method of claim 8, further including:

opening the upper cover with respect to the lower cover;

manually removing the disk inside the disk reading device;

locking the upper cover so that it cannot be opened with respect to the lower

10 cover; and

inserting a disk into the disk reading device via the elongated opening.

13. A disk reading device, comprising:

a lower cover having a wall with an elongated opening provided in the wall;

15 an upper cover that is connected for pivoting movement with respect to the lower cover;

a disk receiving space between the lower and upper covers, and being accessible via the elongated opening and by opening the upper cover with respect to the lower cover;

20 a roller positioned between the upper cover and lower cover, and adjacent the elongated opening;

a rod retained inside the lower housing and removably engaging a portion of the upper cover;

25 a button operatively coupled to the rod in a manner such that the rod disengages the upper cover when the button pushes the rod;

a locker coupled to the rod and the button for preventing the button from pushing the rod; and

a switch that is operatively coupled to the locker for unlocking the locker so that the button can push the rod.

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14. The device of claim 13, further including:

a motor and gear unit that is coupled to the roller for rotating the roller; and

a control rack that is operationally coupled to the roller, the motor and gear unit, and the switch for moving the roller away from the elongated opening.

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